

THE FASEB JOURNAL

CONTENTS

Public Affairs

- FASEB Scientists' Response to Institute of Medicine Report on Funding Health Sciences Research. 3271

News

- In Brief 3273

Reviews

- The two binding-site models of human IgG binding Fc γ receptors. *J. Gergely and G. Sarmay* 3275
- Microtubule dynamics. *J. Avila* 3284
- Receptor-mediated regulation of calcium channels and neurotransmitter release. *R. J. Miller* 3291
- Control of the renal microvasculature by vasoactive peptides. *P. K. Carmines and J. T. Fleming* 3300
- Role of set-point theory in regulation of body weight. *R. B. S. Harris* 3310
- Posttranslational modification of proteins by isoprenoids in mammalian cells. *W. A. Maltese* 3319

Research Communications

- Biosynthesis and urinary excretion of methyl sulfonium derivatives of the sulfur mustard analog, 2-chloroethyl ethyl sulfide, and other thioethers. *N. M. Mozier and J. L. Hoffman* 3329
- Complete life cycle of the canid tapeworm, *Echinococcus multilocularis*, in laboratory rodents. *M. Kamiya and H. Sato* 3334
- DNA modification in vivo by derivatives of glucose: enhancement by glutathione depletion. *T. K. Shires, J. Tresnak, M. Kaminsky, S. L. Herzog, and B. Truc-Pham* 3340
- Structural requirements for protection by small amino acids against hypoxic injury in kidney proximal tubules. *J. M. Weinberg, M. A. Venkatachalam, R. Garzo-Quintero, N. F. Roeser, and J. A. Davis* 3347
- Neutrophils contribute to ischemia/reperfusion injury in rat liver in vivo. *H. Jaeschke, A. Farhood, and C. W. Smith* 3355
- Cell-surface expression of glia maturation factor β in astrocytes. *R. Lim, Y. Liu, and A. Zaheer* 3360

Letters to the Editor

- Percentage of Principal Investigators (PIs) Competing for NIH Grants that are Funded. *J. W. Flesher* 3364
- Ageless Investigators. *M. Freund* 3364
- Author's reply. *A. Mazzaschi* 3365
- Glycogen Cover Inspires Poem. *K. C. Leibman* 3365

Acknowledgment

- 3366

Calendar

- 3367

New Products & Literature

- 3369

Employment Opportunities

- 3371

Indexes—Volume 4

- Author 3375
- Subject 3377

Membership

- 3382

The FASEB Journal is the Official Publication of the Federation of American Societies for Experimental Biology • The American Physiological Society • American Society for Biochemistry and Molecular Biology • American Society for Pharmacology and Experimental Therapeutics • American Association of Pathologists • American Institute of Nutrition • The American Association of Immunologists • The American Society for Cell Biology